

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016808**Date Inspected:** 14-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Listed below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project. The following observations were made:

- 1) OBG Field Splice status review
- 2) Weekly Welding Report submittal review
- 3) OBG Lift 7W - post arrival inspection at Pier 7

1) The QAI made observations of work in progress (fit up and field splice welding of OBG segments) and updated the main status log. The QAI also reviewed the inspection log and updated the reports and tracking for QA inspections. The QAI relayed the status of the field splice welding to the QAI Lead Bill Levell and the QAI Rick Bettencourt.

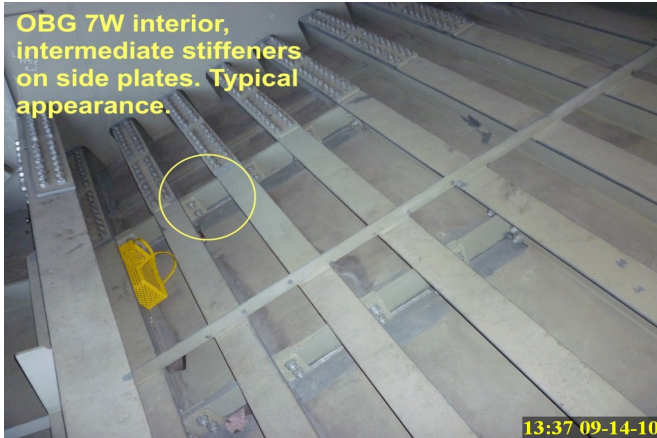
2) The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued the formal review of the contractor's welding report submittal # 1536 Rev. 21. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI also continued generating a weld specific tracking list from the submitted welding reports.

3) The QAI accompanied Caltrans personnel Thanh Le, ABF representatives Chuck Kanapicki, Quality Control (QC) Inspector William Norris and QC Inspector William Sherwood in conducting the post arrival inspection of

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voyage 4 components. Voyage 4 contained OBG segments 7E, 7W, 8E, 8W and Crossbeams 7, 8, 9 and 10. The persons mentioned began the post arrival inspection of OBG 7W interior. During the inspection, the QAI noted that painted surfaces have been marred where there is contact with shipping supports. There was no other shipping related damage observed during this inspection. The QAI noted that at this time, all major components of Voyage 4 have been examined for post arrival inspection. See the attached photos.



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, the QAI participated in the post arrival inspection and had general conversations regarding the appearance of the inspected components. The QAI relayed the status of the submittal reviews to the QAI Lead Bill Levell. The QAI also relayed the observations of post arrival inspection to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations or observations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi, (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
